

OSCILLATOR

OTVARC



Oregon Tualatin Valley Amateur Radio Club (Est. 1978) February 1999

THE PRESIDENT'S MESSAGE

By Betty, N7REX

With an excellent presentation on personal preparedness, OTVARC's 1999 got off to an excellent start. Many of our members had great additional suggestions for what ought to be in our 72-hour kits for both home and auto. It would be great to see a few kits each month from those people who keep one in their cars (which should be all of us).

So here is my first plea for members to bring something to share. If the first letter of your call suffix is A - I, and you have a travel 72-hour kit please bring it in for display at the February meeting. Willy Ranes, N7DZR, this was your idea so don't let me down.

Another example of what a great club we have is the fact that people brought little 'extras' for the raffle. Thanks! It really adds to the fun. Mel Sutton, KB7PVW, brought in some wonderful chocolates. Rumor had it that he made them himself. The rumor was substantiated by Linda, KC7YTD, who is recovering from knee replacement surgery.

I especially enjoy our sharing answers to the president's question. January's responses were outstanding. I don't think I will ever think of code in quite the same way thanks to Claire Johnson, KC7PMW's, remarks about her bad little keyer dropping dits and dahs all over the place.

We hope that Alan Chinnock, KB7POR's, wife Debbie has recovered significantly enough to return to their home on a hill (you can't get from here to there without going up or down stairs.....including getting to a bathroom).

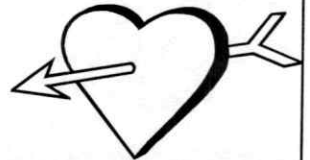
I hope someone with the technical expertise stepped up to help Janet Bell, WB7FJC, out with our ham classes. She was winging it while her co-teacher Jim Mockley, AB7XD, was home ill. We hope his doctors found the source

of the problem and were able to fix it. Thank you to all of the future hams who attended the meeting from the classes, including Mel and Linda's harmonic, Troy.

Julie and Harold, WA0BRU, Landers have offered to bring the treats for the tables in February. If you would like to bring table treats for an upcoming meeting, please let me know. Also, we would really like to have people volunteer to be the official greeters for each month. I'll have a calendar at the meeting for you to sign up for the month of your choice. March is just around the corner. If you are interested in participating in the disaster assessment training, (see page XXXXX) get in touch with Janet Bell.

For February's meeting, please bring pictures of your sweetheart to share. See you soon.
73, Betty

HAPPY
VALENTINES
DAY TO ALL



NEXT MEETING

WEDNESDAY, FEBRUARY 10TH

The February program will feature Dave Sadler, from the Oregon Department Of Transportation (ODOT), as our speaker. Dave will show us and describe the many electronic systems which ODOT has installed in the Portland Metro area to help us have a safe and easy drive to and from work. He will also acquaint us with the new Traffic Control Management Center located on Flanders St. in Portland.

W7OTV 146.960 (RPTR) WWW.EASYSTREET.COM/OTVARC

K9JF APPOINTED NORTHWESTERN DIVISION VICE DIRECTOR

From The ARRL Letter

James E. Fenstermaker, K9JF, of Vancouver, Washington, is the new Northwestern Division Vice Director. ARRL President Rod Stafford, W6ROD, announced the appointment January 6, following the recommendation of Northwestern Division Director Greg Milnes, W7AGQ, and certification of eligibility by the Election Committee.

Fenstermaker, 53, fills the position left vacant when Milnes, the former vice director, succeeded Mary Lou Brown, NM7N, as director. Brown died suddenly December 3. Fenstermaker's term expires January 1, 2001.

"I am excited to have the opportunity to serve the US Amateur Radio community as the Northwestern Division Vice Director," Fenstermaker said.

A ham since 1959, Fenstermaker was first licensed as KN9TZH. A DX enthusiast, he's also operated as DL5JF, OJ0SUF, and VP2V/K9JF. He's on the DXCC Honor Roll with 354 countries, 5BWAZ, 5BDXCC, and 160 Meter DXCC, as well as numerous contest honors. He's past president of the Clark County Amateur Radio Club and the Willamette Valley DX Club.

On the professional side, Fenstermaker is director of business services for the Parkrose School District in Portland, Oregon. He's a graduate of Anderson University and Indiana University and holds an accounting certificate from Portland State University.

Fenstermaker hopes to attend his first ARRL Board meeting in Houston, Texas, January 15-16. Members may contact him via e-mail at k9jf@arrl.org. <>

NEW NW DIVISION DIRECTOR ATTENDS FIRST BOARD MEETING IN NEW ROLE

Excerpts from The ARRL Letter

With President Rod Stafford, W6ROD, presiding, Northwestern Division Director Greg Milnes, W7AGQ, long time OTVARC member, opened the ARRL Board's first 1999 session with a tribute to former Director Mary Lou Brown, NM7N, who died last December 3. The Board also observed a moment of silence in her memory.

The Board of Directors, meeting in Houston, Texas, January 15 and 16, elected Greg Milnes, W7AGQ, Eugene Hastings, W1VRK, and ARRL Directors John Kanode, N4MM, to three-year terms as directors of the ARRL Foundation.

The Board responded to an offer by the Boring (Oregon) Amateur Radio Club—the founding sponsor of Kid's Day—and agreed to

have the ARRL assume sponsorship of this operating event that introduces Amateur Radio to hundreds of kids in a creative format (See January 1999 QST, page 46). <>

OTVARC VE TESTING SET FOR FEBRUARY 13TH

By Carl, KS7L, VE Coordinator

OTVARC has scheduled the next Amateur Radio license testing session for 13 February—that is a Saturday. Testing is at 1:00pm at Tualatin Valley Fire & Rescue Admin. Office, 20665 SW Blanton, Aloha.

All exam elements will be administered. The test fee for '99 is \$6.45. Please bring a check or money order payable to ARRL/VEC. All applicants must bring a photo ID. In addition, applicants upgrading must bring the original **AND** a copy of their current license and the original **AND** a copy of any CSCE that will apply to the upgrade.

Please contact Carl Clawson, WS7L, at 629-5796, to preregister. Testing is sponsored by the Oregon Tualatin Valley Amateur Radio Club (OTVARC), a Special Service Club of the American Radio Relay League. <>

NEW HAM STUDY WEBSITE

From Amateur Radio Newsline

PREMIER Communications wants to help people to become hams and hams to upgrade. So the makers of ADI radios and PRYME communications accessories has created a new website designed to help newcomers study for and pass the U.S. Amateur Radio license theory exams.

This new internet site gives prospective amateurs and those studying for an upgrade an easy resource for all of the U.S. amateur radio license theory tests. Users of the site have the opportunity to study the entire question pools, from Novice to Extra. They can even gauge their progress by taking live, simulated exams using a java-based applet.

And, when an applicant is ready to find a test session in his or her area, a link is provided to the ARRL VEC homepage and the database of upcoming test sessions.

he website is called hamtest.com. It's located on the web at: www.hamtest.com. It's there free of charge for anyone to use and enjoy. <>

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.
Tigard, OR 97223

Joe Borsch W7PNS

(503) 684-5201

FCC OFFICIAL MEETS HAMS ON THEIR OWN TURF

From The ARRL Letter

The FCC's Amateur Radio enforcer, Riley Hollingsworth, K4ZDH, turned up in an unexpected place on January 13 – 75 meters! In what could be an unprecedented move, Hollingsworth, legal advisor for amateur enforcement within the FCC's Compliance and Information Bureau, showed up on 3894.5 kHz to discuss enforcement and encourage compliance.

"A couple of them were pretty shocked," he said. "This has never been tried before," Hollingsworth said the next morning. He said he broke in on an argument that was growing increasingly nasty in an effort to settle things down, then stayed to discuss enforcement with the hams on frequency.

Hollingsworth says he thinks one key to compliance is just getting people to listen to what he has to say. "Most people, if you can just get to them on a one-to-one basis, they'll listen," he said, reflecting his overall enforcement approach to attempt to reason violators into voluntary compliance rather than writing them up. During his time on the air, Hollingsworth confronted one individual he'd already been in touch with about alleged on-air misbehavior.

Among other things, he told those on hand that noncompliance and inappropriate on-air behavior could even threaten the hobby's HF allocations. Hollingsworth advised hams to be more tolerant and patient and to avoid confrontation or retaliation.

"We all have to realize we're on a mission here – to save Amateur Radio," he said the day after his 75 meter appearance. "There are going to be licenses lost and fines owed." The jammers already are well on their way to "hanging themselves" right now, he said.

Even as he preached better behavior, Hollingsworth says he understood from the others on frequency that someone was attempting to jam his signal. "I hope the monitoring folks were on the frequency too," he said.

Hollingsworth advised the hams on 75 to contact him with enforcement problems, and he gave out his e-mail address and telephone number (rholling@fcc.gov; 717-338-2502). "I don't know what effect it will have," he said of his on-air foray. Hollingsworth says he'll "do what it takes" to improve amateur compliance and that could include future on-air visits with amateurs.

"I've gotten a lot of feedback this morning by phone and e-mail asking me to do it more often," he said. "We'll be listening more and asking to be allowed in QSOs more."

Hollingsworth, who's based in Gettysburg, Pennsylvania, took over the FCC's most recent Amateur Radio enforcement initiative last September (see related story, next column).

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FCC WARNS ALLEGED MAJOR AMATEUR OFFENDERS

From The ARRL Letter

The FCC has issued strong warnings to two amateurs in Indiana and a third in New York who are on the Commission's top ten list of alleged major amateur offenders. The FCC's amateur enforcement point man, Riley Hollingsworth, K4ZDH, says the warning letters sent earlier this month are the last step before the FCC initiates formal enforcement proceedings. One case primarily involved malicious interference on VHF repeaters, while the other two involved interference to an HF net.

"We have been cutting bait a while, now it's time for us to fish," said Hollingsworth, the legal advisor for enforcement within the FCC's Compliance and Information Bureau.

The FCC did not make the names or call signs public, but Hollingsworth said all those who received the letters were put on the FCC's Alert List with FCC field offices. "The Alert List is the FCC equivalent of an all-points bulletin," Hollingsworth explained. He said Field Office monitors would be making a special effort to listen for further violations by stations on the Alert List.

Since taking over Amateur Radio enforcement within the CIB last fall, Hollingsworth says he's sent out dozens of warning letters of a much milder nature. "Now, we're distilling that activity to the worst offenders," he said of the latest epistles. Hollingsworth indicated that similar actions were imminent in other major cases of alleged amateur rules infractions. He also said he has sent out another three dozen or so routine warning letters "generally based on a collection of complaints received over the holidays."

The letters sent out January 7 and 8 spell out the agency's expectations in no uncertain terms. In the case of the alleged HF offenders, Hollingsworth's letters state that the Commission "has additional evidence that you have been deliberately and maliciously interfering with the operations of other licensed amateurs," primarily a 75-meter net. Both hams—whose cases are related—already had received official Notices of Violation last fall for similar conduct, and the FCC had imposed restricted operating hours on one of them. But the FCC says that the troublesome behavior has continued.

Hollingsworth said the alleged illegal activities not only put the hams' licenses in jeopardy, but open them up to possible fines and even put transmitting equipment at risk of seizure. He said he also has cautioned the controllers of the net involved to not engage hecklers or those attempting to harass or interfere, nor to call up the net on a busy frequency. "One thing these nets have to understand is that the nets don't own the frequency," he said.

The case of the alleged VHF offender had a similar pattern. The amateur license of the ham in question already had been suspended at one point, but violations are said to have continued, even during the suspension period.

Beyond amateur violations, Hollingsworth said that the FCC's evi-

(Continued on page 4)

(Continued from page 3 - FCC WARNS MAJOR OFFENDERS)

dence indicated the amateur had threatened FCC employees and others. He told the ARRL that additional warning letters went out to eight other individuals whom he described as "cohorts" to the alleged prime VHF offender.

Hollingsworth requested that all of the amateurs contact him immediately to discuss the allegations. After a lengthy telephone conversation with one of them, Hollingsworth expressed optimism that the situation would be resolved.

In an unrelated case, Hollingsworth recently mailed warning letters to six individuals in the Pittsburgh, Pennsylvania, area regarding alleged malicious interference on VHF. <>

ARRL E-MAIL ADDRESSES TO BE AVAILABLE TO MEMBERS

From The ARRL Letter

ARRL members soon will be able to announce their ARRL membership through their e-mail addresses! Starting February 1, 1999, a new membership service will be available for those wishing to have an ARRL e-mail address, and you won't have to switch e-mail services to do it. Not only that, but it will be free-of-charge to League members!

The new, personalized League e-mail addresses will consist of the member's call sign @arrl.net. Electronic mail sent to the address automatically will be forwarded to any e-mail account you choose.

As long as you remain an ARRL member, you'll never have to notify people of an address change — even if you change Internet service providers.

As soon as the service becomes available, members will be able to sign up quickly and easily through the ARRL Members Only Web Site. If you are not already registered for the Members Only Web Site, you can do so at: <http://www.arrl.org/members/>. <>

NEW TRANSCEIVER KIT

From The ARRL Letter

Elecraft has announced that it will start taking orders for its K2 HF transceiver kit starting January 25. The K2 debuted at the 1998 Dayton Hamvention to the delight of many in the QRP community. Elecraft says it will post an order form on its Web page (<http://www.elecraft.com>) that buyers can either mail or fax.

Customers on our Priority List will receive product first, followed by new orders," Elecraft said. Two factory-assembled "beta" units have been circulating among hams to smooth out any wrinkles. Another 100 K2 kits were to go out to field testers late last year. The Elecraft K2 transceiver is expected to sell for \$549 for the basic CW unit. Adding SSB capability will cost another \$79. <>

OTVARC BUNCH FOR LUNCH

By Harold, WA0BRU

This month, February, the Lunch Bunch will be busily chowing down at the *Country Buffet* in Tigard on Hwy 99W at 1:30Pm on the fourth Saturday of the month — Feb 23rd. The street address is 13500 SW Pacific Hwy and the location is in the *Market Place Shopping Mall* where the Bi-Mart store is located.

The selection of food is huge, the flavor is great and the company is hams and friends. Everyone is invited, so bring a friend and come on down. <>

HAMFESTS AND CONVENTIONS

By Greg Milne, W7AGQ
Northwest Division Director

1999 --

- Feb 20 Salem Hamfair, County Fairgrounds, Rickreall, OR
- Mar 13 Mike and Key Flea Market, Puyallup, WA
- Mar 27 Eugene's 2ND Annual Hamfest
- Apr. 10 Lilac City Hamfest, Spokane, WA
- Apr. 24 Clark County Hamfest, Vancouver, WA
- Jun 4-6 SeaPac, Seaside, OR
- Jul 16-18 Glacier/Waterton Hamfest and MT Convention
- Aug 7-8 Eastern Washington Section, Spokane, WA <>

KENWOOD VIDEOS

From Amateur Radio Newsline

Kenwood Communications has a new loaner video to introduce their new hand-held THD 7A Data Communicator and VCH1 Visual Communicator to the ham radio public. Clubs may borrow these videos for group showing by calling Kenwood at (310) 639-4200. <>

SATELLITES GET OSCAR ASSIGNMENTS

From The Amateur Radio Newsline

Amateur Radio's two newest satellites, SEDSAT-1 and PANSAT, have been assigned OSCAR numbers by AMSAT. SEDSAT-1 now is SEDSAT OSCAR-33 or SO-33, while PANSAT is PANSAT OSCAR-34 or PO-34. Both were launched earlier this fall. AMSAT President Keith Baker, KB1SF, congratulated members of the SEDSAT and PANSAT teams on their success in placing their respective satellites into orbit. The assignment of consecutive OSCAR numbers to new ham radio satellites dates from the launch of OSCAR-1. To qualify for an OSCAR number, the satellite must successfully achieve orbit and one or more transmitters must be successfully activated in the Amateur Radio bands. <>

Remember that Valentines Day
Card/gift for your special Someone!

UNIVERSAL LICENSING SERVICE IMPLEMENTED

From The ARRL Letter

The Final Order to implement the new Universal Licensing Service was published December 14, 1998, in the Federal Register. The new rules become effective in mid-February— 60 days following publication.

Among other things, the ULS will replace the venerable Form 610 series with a new Form 605. Electronic filing of routine Amateur Radio applications will be encouraged but not required. Included in the new rules are changes affecting operation in the US by hams from other countries with which the US has reciprocal agreements.

Under the new rules, alien operators would no longer have to apply for a permit to operate in the US, similar to the system already in place between the US and Canada.

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EUREKA! A BREAKTHROUGH!

Submitted by Ken, K7SXI
Author Unknown

PISCATAWAY N.J., USA – Announcing the new Built-in Orderly Organized Knowledge device (BOOK). It is a revolutionary breakthrough in technology – no wires, no electric circuits, no batteries – nothing to be connected or switched on. It's so easy to use; even a child can operate it.

Just lift its cover – compact and portable, it can be used anywhere, even sitting in an armchair by the fire, yet it is powerful enough to hold as much information as a CD-ROM disk.

Here's how it works: each book is constructed of sequentially numbered sheets of paper (recyclable), each capable of holding thousands of bits of information. These pages are locked together with a custom-fit device called a "binder" that keeps sheets in their correct sequence. By using both sides of each sheet, manufacturers are able to cut costs in half.

Each sheet of paper is scanned optically and registers information directly into your brain. A flick of the finger takes you to the next sheet. The BOOK may be taken up at any time and used by merely opening it.

The "browse" feature allows you to move instantly to any sheet and move forward or backward as you wish. Most come with an index feature, which pinpoints the exact location of any selected information for instant retrieval.

An optional "BOOKmark" accessory allows you to open the book to the exact place you left it in a previous session, even if the BOOK has been closed. BOOKmarks fit universal design standards; thus a single BOOKmark can be used in BOOKs by various manufacturers.

Portable, durable and affordable, the BOOK is the entertainment wave of the future, and many new titles are expected soon due to

the surge in popularity of its programming tool – the Portable Eraseable-Nib Cryptic Intercommunication Language Stylus (PENCILS).

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TWO EMERGENCY TRAINING EXERCISES PLANNED — HAMS NEEDED TO HELP

By Sharon Kennedy, KD7CWP

Damage Assessment Training: Washington County ARES and the Hillsboro Community Emergency Response Team program are hosting a joint Damage Assessment Training session on Saturday, March 6th, 9 a.m.-1 p.m. at Ronler Acres Fire Station (229th and NE Evergreen Parkway).

The training will be in a "scavenger hunt" format. Teams of amateur radio operators and CERT volunteers will be given lists of addresses which have suffered damage from a disaster. The teams will travel to the first address on their list, condense the damage information and situation report into a 25 word voice message, in correct ARRL voice format, and transmit it back to the Hillsboro Fire Station before moving on to the next address on their list.

We will encourage "friendly competition" to enhance the learning environment! We'll also need one member of each team to volunteer to chauffeur their team around the city. The first hour will include a brush up on your message handling skills, so don't worry if you aren't quite "up to speed!"

To assist our planning efforts, an RSVP is requested from participants. (A head count is very important – we need to bring enough doughnuts and prizes!) Please call me at 642-0370 or send an e-mail to sharonk@ci.hillsboro.or.us to confirm your attendance. Thanks. Sharon Kennedy, KD7CWP, City of Hillsboro Emergency Manager.

METRO AREA HOSPITAL EXERCISE

Patriot Medstar Exercise. Portland metro area ARES/RACES members will participate in the Department of Defense and Veteran's Administration medical exercise, "Patriot Medstar," on Monday, June 21st. Play will be conducted from 11 a.m. to 4 p.m.

The scenario is the return of about 200 medical patients from a conflict in Korea for treatment in 16 Portland area hospitals. Patients will be staged at the Portland Air National Guard Base Armory and transported to the 16 participating hospitals beginning at 11 a.m.

We are encouraging all 16 hospitals to participate in the amateur radio segment of the exercise by activating a voice and/or packet station at their facility. To staff all those sites, we will use amateur radio volunteers from Multnomah, Clackamas, and Washington Counties.

I will serve as the liaison between the Patriot Medstar Exercise

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(Continued from page 5 - TWO EMERGENCY TRAINING EXERCISES)

Planning Committee and the Portland metro area amateur radio community. Planning is just beginning, so more details will follow in the next few months. We will script both voice and packet amateur radio messages into the exercise play to ensure the radio operators stay busy and achieve their training objectives. Please mark your calendars for that date and plan to play!

We are also looking for volunteers to act as victims for the exercise. Victims will be moulaged to simulate injuries, then be transported by bus or ambulance and "treated" at the area hospitals.

To volunteer as a radio operator and to volunteer your friends as victims, please call me at 642-0370 or send an e-mail to sharonk@ci.hillsboro.or.us to confirm your attendance. Thanks. Sharon Kennedy, KD7CWP, City of Hillsboro Emergency Manager.

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AREA VE TESTING SCHEDULED

By Editor, W7OTV

Phantom Amateur Radio Club (PARG)

Second and fourth Sunday of each month
Contact John, KA0SSF, at 503-626-7399

Salem Amateur Radio Club

Third Saturday of each month
Contact Sandy, N7TQQ, at 1-800-920-9604

McMinnville Amateur Radio Club

Monthly on Wednesday evenings
Call Mike Jones, AB7OE, at 503-864-3291

Clark County Amateur Radio Club

Contact 360-896-8909

Portland Adventist Radio Club

Portland Community Policing Center
Contact Edith, KA7MIF, at 642-5803

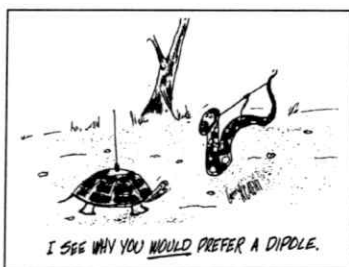
Hoodview Amateur Radio Club

Contact Patsy, W7PAT, at 503-668-4305

Oregon Tualatin Valley Amateur Radio Club

13 Feb. Testing will be at the TV Fire & Rescue Bldg., 20665 SW Blanton in Aloha., from 1PM TO 5PM.
Contact Carl Clawson at 503-629-5796 or 526-4610 if further details are needed.

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LOVE WILL FIND A WAY (VIA HAM RADIO)

From The Oregonian, 23JAN99

Cynics might call it jungle fever. Art Greenleaf knew it was love. But just how does one propose from the Amazon jungle deep in Ecuador? A strange predicament, considering their past.

Desperate, he sandwiched love into a ham radio link

Mae Watrous and Art Greenleaf were born in the same delivery room, two days apart – she was waiting in the nursery when he arrived. They attended the same church in Groton, Conn., and dated in high school, planning to marry some day.

Then Art was selected as their church's first summer missionary intern in 1967 and journeyed to Ecuador with Wycliffe Bible Translators. The summer extended into a whole year of work there.

"All this time I was sure she was the one for me, and I wanted to propose, but how could I, being in the deep dark jungle." He devised a plan – he wrote to Mae's father, asking permission. Then he wrote to his folks. But how to speak directly to Mae?

A ham radio connection was the answer. A local radio operator at the Limoncocha missionary station contacted an operator in Mechanic Falls, Maine, who patched through to Connecticut. "So, late on a November evening I popped the question via the international radio waves. By that time, what could she say but yes?"



Mae and Art Greenleaf
September 5, 1968

The Greenleafs married at age 20, 30 years ago, on September 5, 1968, and have four children and two granddaughters. He is employee assistance coordinator and chaplain for the Portland Fire Bureau – she's an office manager – they live in Northeast Portland.

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NEW VHF REPEATER

From The sPARC GAP

A new repeater is up and running on 440.925Mhz, plus offset, no pl. It is located near the area of Highway 26 and Murray Road. Joe, K7JOE, would like to have all hams give it a try and provide him with signal report information from different locations.

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START THE NEW YEAR OUT RIGHT
ATTEND THE
RICKREALL HAMFAIR, FEBRUARY 20TH!!

WASHINGTON COUNTY ARES TRAINING FOR 1999

By Janet. WB7FJC and JD, K7JDF

Washington County Amateur Radio Emergency Services (ARES) is pleased to announce their training calendar for the first half of 1999. All Washington County amateur radio operators with an interest in emergency communications are encouraged to attend.

The training sessions are held in conjunction with Washington County ARES monthly meeting on the third Tuesday of each month at 7 p.m. More in-depth topics are offered on Saturday mornings at 9 a.m. All sessions except the basic first aid are free.

To ensure we have enough handouts, please RSVP to Janet Bell, Office of Consolidated Emergency Management for Washington County, 642-0369, to reserve your seat.

Washington County ARES Training Calendar		
Date	Location	Training Topic
Tuesday, Feb 16 th	WCCCA 17911 NW Evergreen Pkwy, Beaverton, OR 97006	Exercise Design: Learn the 12 step process for designing an exercise, including outlining your objectives, scripting messages, and evaluation.
Saturday, March 6 th , 9 a.m. – 1 p.m.	Hillsboro Ronler Acres Fire Station 229 th & NW Evergreen Pkwy Hillsboro, OR 97124	Damage Assessment: Field exercise and "friendly competition," gathering and reporting damage assessment and situation status information
Tuesday, March 16 th	Hillsboro Main Fire Station 240 South First Avenue, Hillsboro, OR 97123	ARRL Radiogram: Practice sending and receiving voice messages in proper ARRL format.
Tuesday, April 20 th	WCCCA	Generic Site Procedures Manual: How to organize operations at a "generic" station to be used by multiple operators.
Saturday, May 8 th , 9 a.m. – 1:30 p.m.	Hillsboro Ronler Acres Fire Station	Basic First Aid: Earn your basic 1 st aid card. Also good for refresher for those with expiring cards. Fee of \$10 payable to the instructor.
Tuesday, May 18 th	WCCCA	Exercise Patriot Medstar: Final preparations for the Monday, June 21 st exercise involving 16 area hospitals.
Tuesday, June 15 th	Tualatin Valley Fire & Rescue 20665 SW Blanton Street Aloha, OR 97007	Packet Operations: Introduction to packet operations using TVF&R's amateur radio station.
Tuesday, July 20 th	WCCCA	Net Control: How to be a net control operator – procedures, net etiquette, and documentation requirements.

**** McMinnville Amateur Radio Club Repeater Features ****

MARC is supporting the 146.64Mhz, KC7NAA, repeater. Give it a try as you pass through the McMinnville area. Codes can be used by anyone at any time. All codes end with a *(star) key.

59* Time and Date

383* Last Number Redial

75* End (dump) Autopatch (Must be used after a phone call or attempt)

911* Dial 911 Emergency (Ambulance, fire, death, injury emergency only)

912* Dials 'Y-COM' Dispatch(Non-critical needs-Yamhill County only)

913 Dials State Police Dispatcher

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- * TIE/Norstar/ & Others
- * Security Systems

(503) 324-3737
Pager (503) 818-0581
Fax: (503) 324-4833

Ray Deeth
180 So. Main (#C)
Banks, Oregon 97106

TIP OF THE MONTH: HOW TO DETECT A TWO WAY MIRROR

By Bob, N8ZCA

When we visit toilets, bathrooms, hotel rooms, changing rooms etc, how many of you know for sure that the seemingly ordinary mirror hanging on the wall is a real mirror, or actually a two-way mirror.

Just conduct this simple test:

Place the tip of your fingernail against the reflective surface and if there is a GAP between your fingernail and the image of the nail, then it is a GENUINE mirror.

However, if your fingernail DIRECTLY TOUCHES the image of your nail, then BEWARE, for it is a two-way mirror.

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NEW MEMBERS

By Editor, W7OTV

Please join me in welcoming our latest new members into the OTVARC: Sharon Kennedy, KD7CWP, of SW Alexander in Aloha; Mike Boyd, N7DKQ, of SE Drake in Hillsboro; Bob Young, KB7MFD, of Maple Circle in Lake Oswego; Paul Thutt, KC7PMU, and Elizabeth Thutt, KC7PMX of NW Phillips Road in Hillsboro; and Dana Johnson, KC7SNQ, of NW Dick Road in Hillsboro.

Help them become acquainted with the many opportunities provided by our club.

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1999 DUES ARE DUE

If you haven't yet paid your dues, bring greenbacks or a check to Van, KE7BB, our treasurer, at the next meeting and he will gladly lighten your billfold. If you can't make it to the meeting just slip a check into an envelope, address it to OTVARC at the address shown on page 9, right hand column, and pop it into the mailbox.



A PLEA FROM THE EDITOR

Hope springs eternal, they say! I'm sure that someone out there has some interesting information to share with the members, but I haven't seen any articles from our large group of members.

We need your input for the OSCILLATOR! Without input from members, the newsletter will not provide the interesting coverage you are all looking for.

The editor will take care of any spelling or formatting errors. Just call him, or send your article to the OTVARC PO Box.

Thanks, Dale, W7FBP

USS BLUEBACK (SUB) TOUR

By George, W7ILS

A hoy mates! Just a reminder that the club is making a visit to the USS Blueback, SS581, on Saturday, February 27, 1999 at 9:30 am. We will all meet at the sub dock at the Oregon Museum of Science and Industry (OMSI). No tickets are required. We have about 5 members signed up and will be able to have 20 for the tour. Call George, W7ILS, during the daytime (8/5) at 452-8120 to register. Leave your name, call sign and telephone number on the answering machine recorder if no one answers. Please register by 02/15/99

Park in the parking lot at the north side of OMSI, (almost under the I5 Bridge) then walk over to the rivers edge where you will come to a walkway. Turn left and walk south (toward the OMSI buildings) and you will come to the Blueback gangway.

See you on board. 73, George, W7ILS <>

COLOMBIAN QUAKE SPRINGS HAMS TO ACTION

From The ARRL Letter, 29 JAN '99

AN UPDATE

Amateur Radio nets activated in short order on 20 and 40 meters following an earthquake January 25 in West Central Colombia. The quake, measuring 6 on the Richter scale, killed more than 1000 people, injured thousands of others, and caused major structural damage. The Salvation Army reports more than 150,000 people missing in Colombia's mountainous coffee-growing region. News media in Colombia were reporting "chaos" in the city of Armenia, where some residents stormed and looted stores and supermarkets when relief supplies failed to materialize. Martial law was declared there.

Amateur activities were taking place on 14.347 MHz and locally on 7.085 and 7.090 MHz. Ham radio was a major source of information out of the affected area in the hours immediately following the disaster.

The Salvation Army Team Emergency Radio Network (SATERN) has established contact with hams in Colombia and a net on 14.265 MHz and was helping with inquiries about victims. At this point, most of the health-and-welfare traffic was coming into the US from the stricken regions, while not much was going into the area.

The International Red Cross in Colombia has dispatched a team of 80, plus relief equipment and supplies "There's an extreme shortage of doctors," Carter said. "They're still digging people out."

Media in Bogota have set up Web sites with information from the affected areas including lists of individual names and status. <http://www.rcntv.com.co> or <http://www.eureka.com.co/terremoto/> (Spanish) or <http://www.eureka.com.co/terremoto/indexEn.html> (English).

<>

OTVARC Club Contacts

OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	J.D. Fort	KC7EHT	259-0269
Secretary	Mike McDonald	KC7YSW	692-5893
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	W7SIC	640-5456
Trustee	Maureen O'Rourke	KA7LAP	591-9641

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	OPEN		
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	W7SIC	640-5456
Emergency Services	J.D. Fort	K7JDF	259-0269
Field Day Coordinator	Alan Chinnock	KB7POR	636-2237
Health & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	W7SIC	640-5456
Internet Home Page	Marc Chamberlin	WA7PXW	357-1869
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	W7SIC	640-5456
Nominating Committee	OPEN		
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	KI7CL	652-1284
Public Relations	J.D. Fort	K7JDF	259-0269
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	OPEN		
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	W7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
"	Will Sheffield	N7THL	642-7314
Station Trustee	Chuck Mickley	KI7CL	642-3713
Social	Harold Landers	WA0BRU	620-5041
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7AGQ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke(PCC)	KI7JX	241-2891
Training(Novice/Tech)	Jim Mockley	AB7XD	629-9354
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus. Card	2" X 3"	\$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: WWW.EASYSTREET.COM/OTVARC

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OTVARC TRAVELERS CAMPOUT
FEB.19-20-21

Come camp with us and attend the Rickreall Hamfair.
The location is Mulkeys RV Park west of McMinnville.
Contact Bob Orr at 472-2716 for reservations

OTVARC

Oregon Tualatin Valley ARC
PO Box 5132
Aloha, OR 97006-0132
Address Correction Requested



DATES TO REMEMBER

February 12th - Valentines Day
February 15th - President's Day
February 16th - Chinese New Year